

TROPICAL CYCLONE 05B

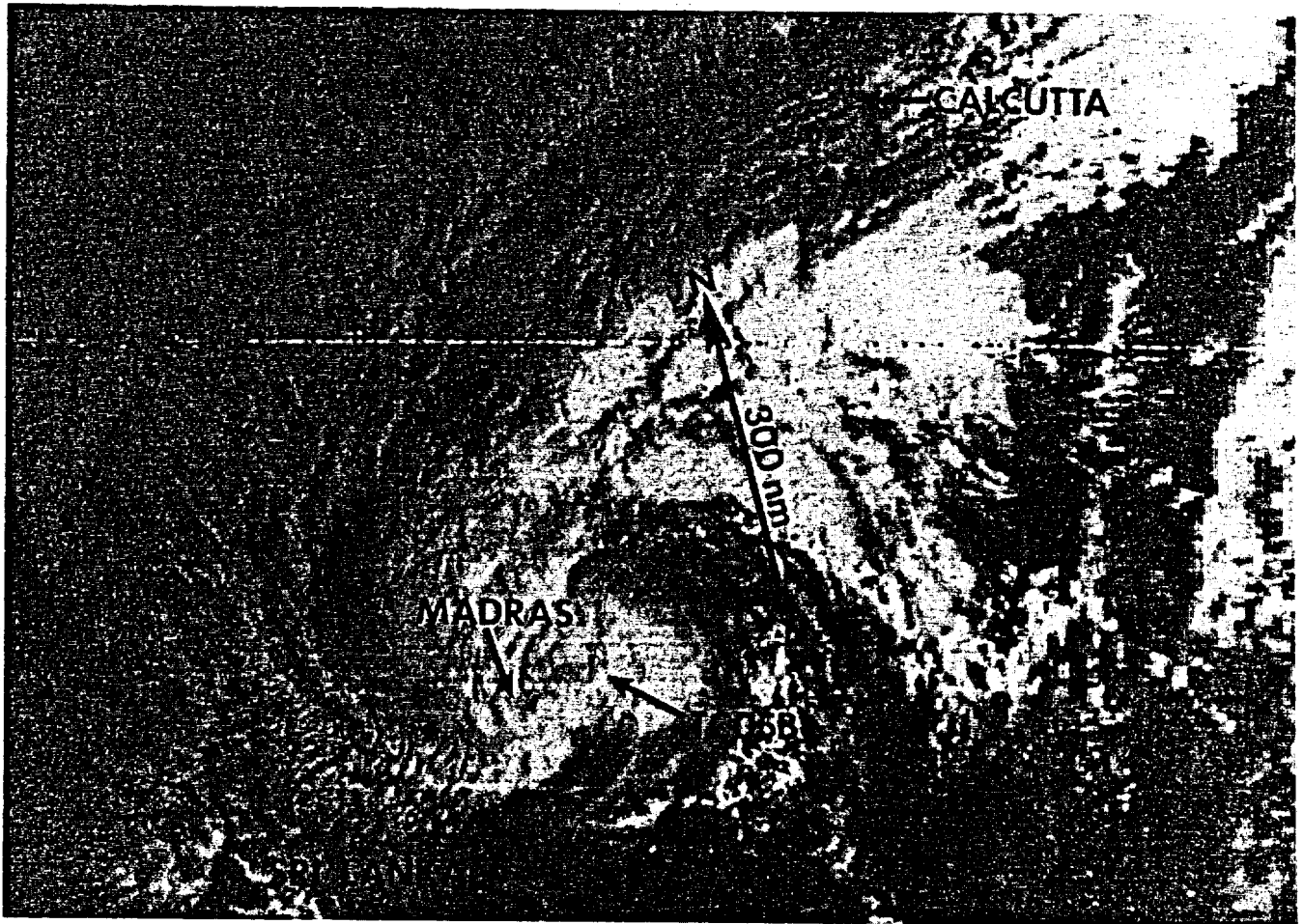


Figure 3-05B-1. Tropical Cyclone 05B spawned from the monsoon trough over the southern Bay of Bengal midway between Sri Lanka and northern Sumatra in late October. Its detection on satellite imagery resulted in the reissuance of the Significant Tropical Weather Advisory (ABIO PGTW) at 300300Z and assignment of a fair potential for development. Intensification continued and a Tropical Cyclone Formation Alert was issued at 301557Z. The first warning was issued at 310000Z. Tropical Cyclone 05B moved toward the north and was initially forecast to continue moving northward, then turn northeastward, crossing southern Bangladesh and northern Burma. Instead, it assumed a northwestward track and slowed in forward speed. Once the system began to take a definite track toward the northwest, the forecast philosophy was changed and the One-Way Tropical Cyclone Model (OTCM) guidance was followed with excellent results. The peak intensity of 55 kt (28 m/sec) was reached at 1200Z on the 1st of November and maintained until the system was close inshore as evidenced by the well-defined convective cloud band on the satellite image above. Issuance of the final warning occurred at 030600Z as Tropical Cyclone 05B was dissipating over land (020221Z November NOAA visual imagery).